a) 1979-1985

b) 1986-1987

c) 1987-present

The processing for the monthly 2.5° GPCP CDR is split into five different steps [m1-m5]:

m1. The first step is a simple diagnostic step where checks of inputs are carried out and listings of input files are made. The details of the inputs (blue and orange boxes) data are described in Section 3.3.1.

m2. The second step (green boxes) involves the processing of raw sensor data to create precipitation estimates (SSMI and SSMIS processing for ocean precipitation) as well as pre-processing of any precipitation datasets to prepare them for ingest into the CDR processing code.

m3. The third step is another diagnostic step; simple checks are performed to ensure that the input precipitation datasets exist.

m4. The fourth step (pink boxes) is the merger step where several interim combination products are generated and the satellite gauge data are produced.

m5. The fifth step (gray box) is the output step where the outputs are checked and the NetCDF file is created.